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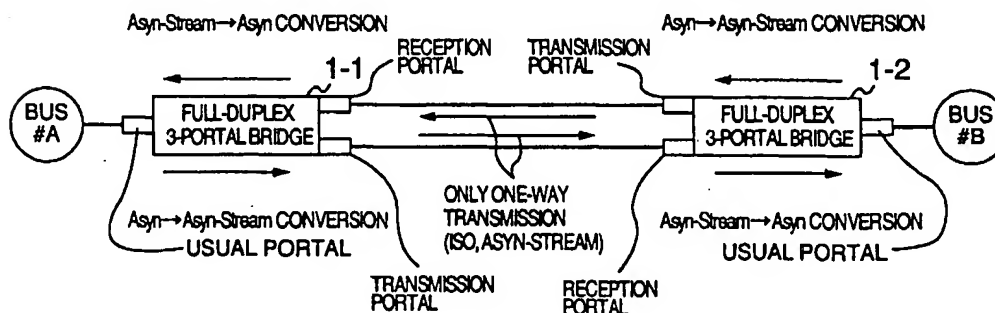
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(54) Bridge for IEEE 1394 bus network

(57) The two-way transmissions are performed between a first bus (#A) and a usual portal of a first full-duplex 3-port bridge (1-1) and between a second bus (#B) and a usual portal of a second full-duplex 3-port bridge (1-2), respectively. The one-way transmission of an isochronous packet and an asynchronous stream packet is performed between transmission and recep-

tion portals of the first full-duplex 3-port bridge (1-1) and reception and transmission portals of the second full-duplex 3-port bridge (1-2). The first full-duplex 3-port bridge (1-1) and the second full-duplex 3-port bridge (1-2) perform a conversion between the asynchronous stream packet and an asynchronous packet if necessary.

FIG. 4A



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EUROPEAN SEARCH REPORT

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| | | | H04L |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 10 September 2002 | Examiner Gregori, S |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

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